



WJR/sf

Our File No. 476-2033

John E. Hudson

Multi Cast Communication System and Method of Estimating a
Channel Impulse Response Therein

Serial No.; 09/825,058

Filing Date: 04/03/01

Please acknowledge
receipt of the
enclosed:

1. Preliminary Amendment
2. First Class Mailing Certificate
3. Return Postcard

DUE DATE (If Any): N/A

DATE SENT: August 3, 2001

RECEIVED
AUG 09 2001
Technology Center 2600

Date of Deposit: August 3, 2001

I hereby certify that this paper or fee is being deposited with the
United States Post Office, prepaid first class mail on the date
indicated above and is addressed to The Honorable
Commissioner of Patents and Trademarks, Washington, D.C.
20231-9998

Sheri Fassl

(Typed or printed name of person mailing paper or fee).

(Signature of person mailing paper or fee).



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE THE APPLICATION OF

John E. Hudson

SERIAL NO.: 09/825,058

FILED: April 3, 2001

FOR: Multi-Cast Communication System and Method of
Estimating a Channel Impulse Response Therein

) Group Art Unit: 2661

)

)

)

)

)

)

)

) Docket No.: 476-2033

RECEIVED
AUG 09 2001
Technology Center 2600

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, United States Patent and Trademark Office, Washington DC 20231, Box Missing Parts, on August 3, 2001.

Name of person signing: Sheri Faser
Signature _____

PRELIMINARY AMENDMENT

Honorable Commissioner of Patents
United States Patent and Trademark Office
Washington DC 20231

Dear Sir:

It is requested that the application be amended as follows:

IN THE CLAIMS

Amend claim 13 as follows:

13. (Amended) A communication device operation to receive a plurality of training sequences on a plurality of channels, the communication device comprising:

means for performing transform operations on both a replica of a signal sequence s_n and a received training sequence y_n received by the communication device in at least one burst, the received training sequence y_n being the signal sequence as received through a channel, the transform operations arranged to generate a multiplicity of signal sequence frequency bins and a multiplicity